Government Creek 61-47-10400 TREES: Hemlock, cedar Dark brown, clear, supply -WATER: Jackinsky small lakes, muskeg, runoff 7-12-76 flow about 7 cfs. 9 Stream very small Trout in stream Narrow through Pool 50x20x1 Filters from bedrock gravel Many coho fry in pool and stream 50% ASA WRON9 -This is the Increasing slope and gradient FORKS OF The STREAM, About Rubble and graval bottom Banks mossy, stable 1/2 mile Above Much bedrock The FOOT bridge. Side channels 70 coho 60% ASA 8 fry 1 Pool 30x50x6" Bedrock falls (no barrier) Series of falls over bedrock Banks mossy, croped with brush 20% ASA Limited rearing, no cover Small trib. Trees cleared (approach Ketchikan airport ----to Ketchikan airport) Slope: gentle Foot bridge Pieces of jet Occasiona in stream. gravel Rapids Limited spawning patches TONGASS NARROWS Bedrock and boulders Much algae some moss ITZ gravel with brown algae, Fucus. Limited spawning. Grav&1, bed-High tide at time of survey. rock, cutbank - 270 -MLogs 8A TONGASS NARROWS

101-47-40

WEATHER:

Overcast, 62°F

MEMORANDUM

State of Alaska

TO: Mike Haddix Lake & Stream Proj. Leader F.R.E.D.

. FILE NO:

Ketchikan

TELEPHONE NO:

FROM: Gerr

02-0018 (NEV: 00-15)

Gerry D. Downey
Fishery Technician
F.R.E.D.
Ketchikan

SUBJECT: Government Creek

DATE: March 2, 1978

On 3-1-78 Mike Haddix, Gerry Downey and Bryan Rahe walked Government Creek (Gravina Island) for the first time. The following minnow trap data was collected:

		Set Time	# Fish Captured
Trap #	Location	Dec lime	
1	100 yds. above 4 cleared trees.	hr 10 min	4 coho fry
2	Just above 4' 3 falls.	hr 15 min	0 fry
3	Upper left fork 3 almost to lake.	5 min	0 fry
4	Upper sloughs 1. near left hand lake.	5 min	0 fry
5	Just up the right 5 hand fork.	O min	l coho fry

Our purpose here was two-fold. First, as this was reportedly a good coho stream, we wanted to find out why. Secondly, we wanted to find out how many coho fry and smolts were here to determine if it was practical to tag coho smolts leaving the system this spring.

It took us two hours of slow - observation type walking to get to the upper left fork lake (looking upstream). We then walked up the right hand fork at a brisk pace for 25 minutes to a total barrier falls. We stopped at this falls and did not get to the lake on this fork. We spent a total of five hours walking this system but much of it was slowing walking to look for fry.

There was thin clear ice over about 50% of the stream. It is a small stream, 4-6" deep and 8-10' wide with much bedrock and not much pool area in the stream. There is better rearing area in the stream up near the lake.

My first impression here is that there were not very many coho fry or smolts present. This is based on the fact that very few fry were seen throughout the system. We're keeping an open mind however, and have more work to do here before final conclusions are drawn.



Lower end of
Government Creek.
Ketchikan in
background. The
lower end of the
stream was cleared for airplane
takeoffs at the
International
Airport.



Falls on the main stream of Government Creek. One coho fry captured above the falls. It may be a deterrent to migrating cohos.



Bryan Rahe standing in slough area near 1st lake on the left fork of Government Creek.



Upper area of Government Creek, left fork near lake.



General picture to show some stream characteristics of Government Creek.



Beaver dam, slough area near lst lake on the left fork of Government Creek.



General picture to show some stream characteristics of Government Creek.



Upper area of Government Creek, left fork near lake.



Fork on Government Creek, approximately \ \mi. above high tide.

Left fork, looking upstream,
goes to lake.

Right fork goes to big falls.



Barrier falls on the right fork of Government Creek. Approx. 12-15' falls.